

Supplementary Materials

New Benzil and Isoflavone Derivatives with Cytotoxic and NO Production Inhibitory Activities from *Placolobium vietnamense*

Lien T. M. Do ¹, Tuyet T. N. Huynh ^{1,2}, Jirapast Sichaem ^{3*}

¹ Sai Gon University, Ho Chi Minh City, 748355, Vietnam; liendo.ieet@sgu.edu.vn

² Lu Gia secondary school, Distr. 11, Ho Chi Minh City 70000, Vietnam; lamhuynh1579@gmail.com

³ Research Unit in Natural Products Chemistry and Bioactivities, Faculty of Science and Technology, Thammasat University Lampang Campus, Lampang 52190, Thailand; jirapast@tu.ac.th

* Correspondence: jirapast@tu.ac.th; Tel.: +66-54237986

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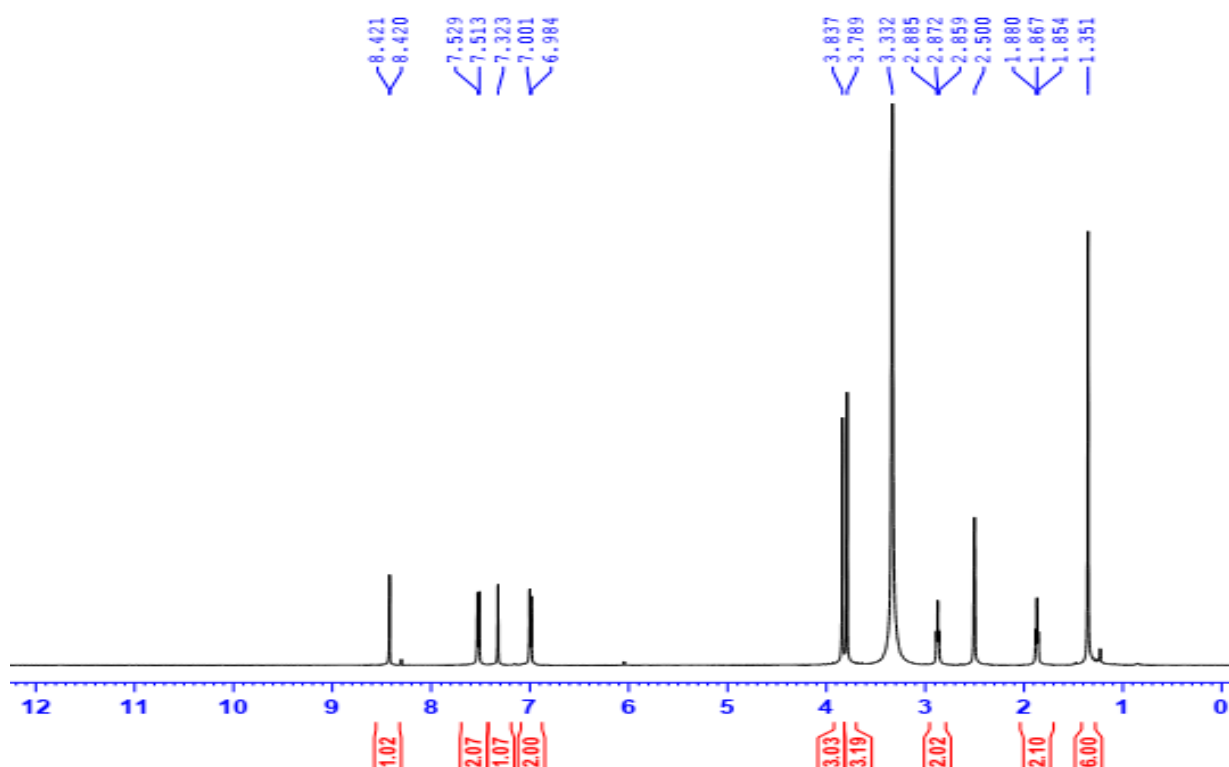


Figure S1. The ¹H NMR spectrum of **1** in DMSO-*d*₆

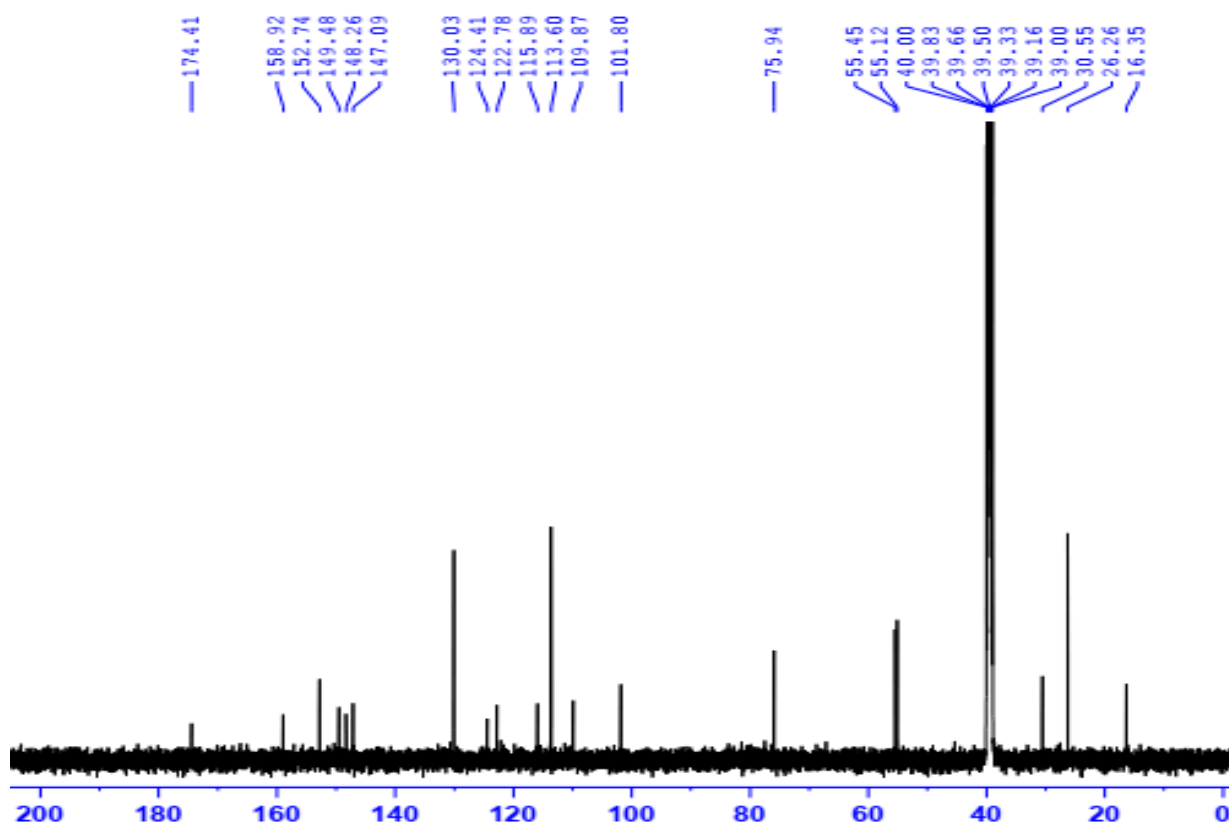


Figure S2. The ¹³C NMR spectrum of **1** in DMSO-*d*₆

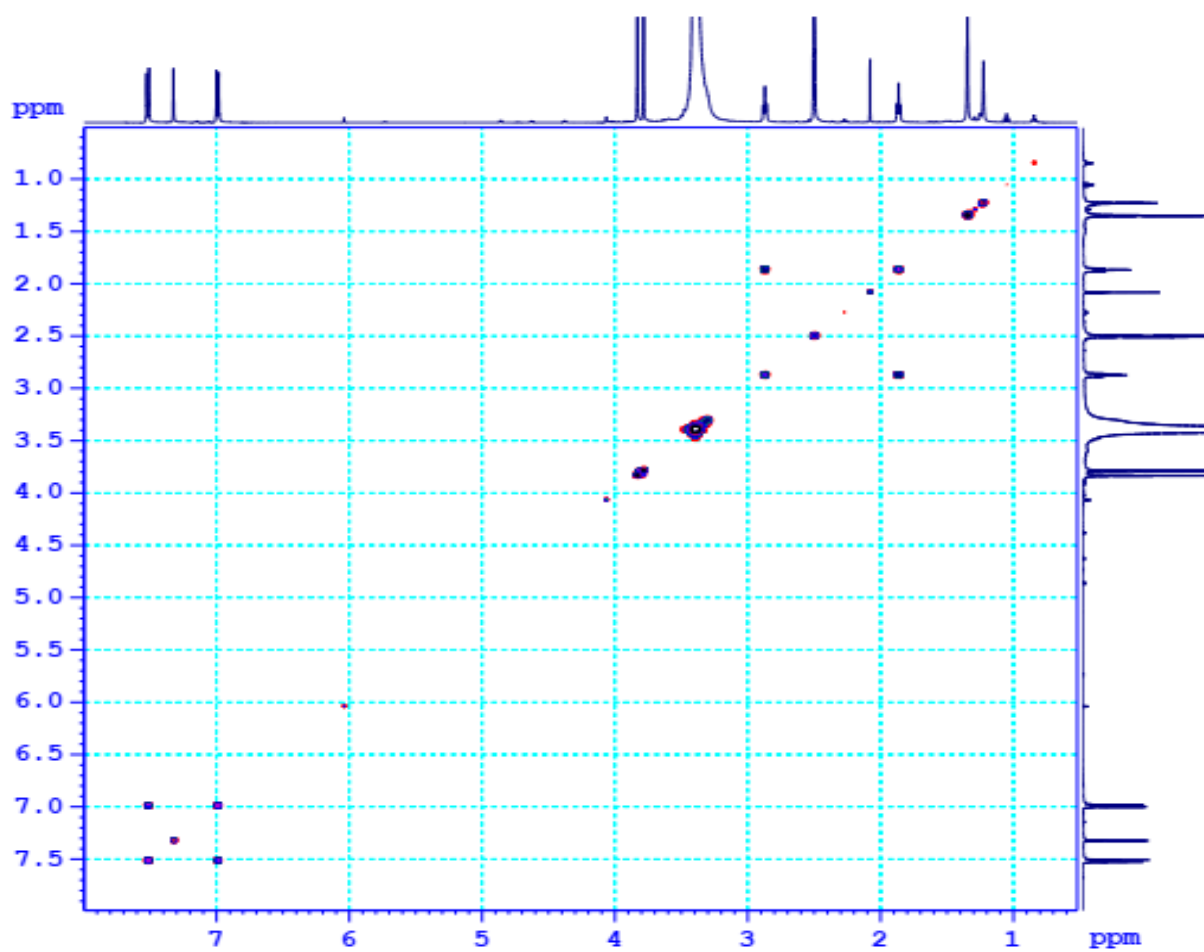


Figure S3. The COSY spectrum of **1** in DMSO-*d*₆

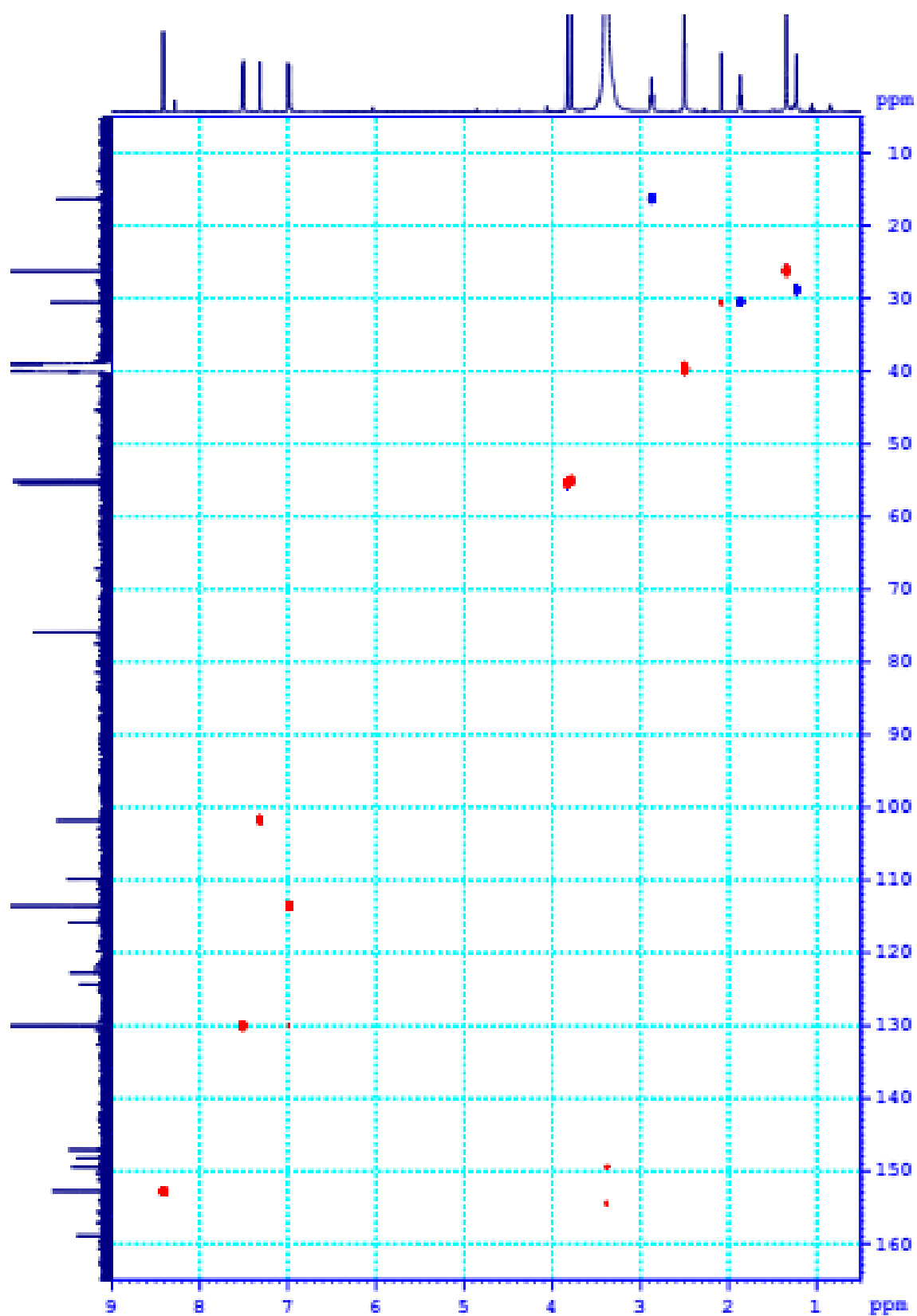


Figure S4. The HSQC spectrum of **1** in $\text{DMSO-}d_6$

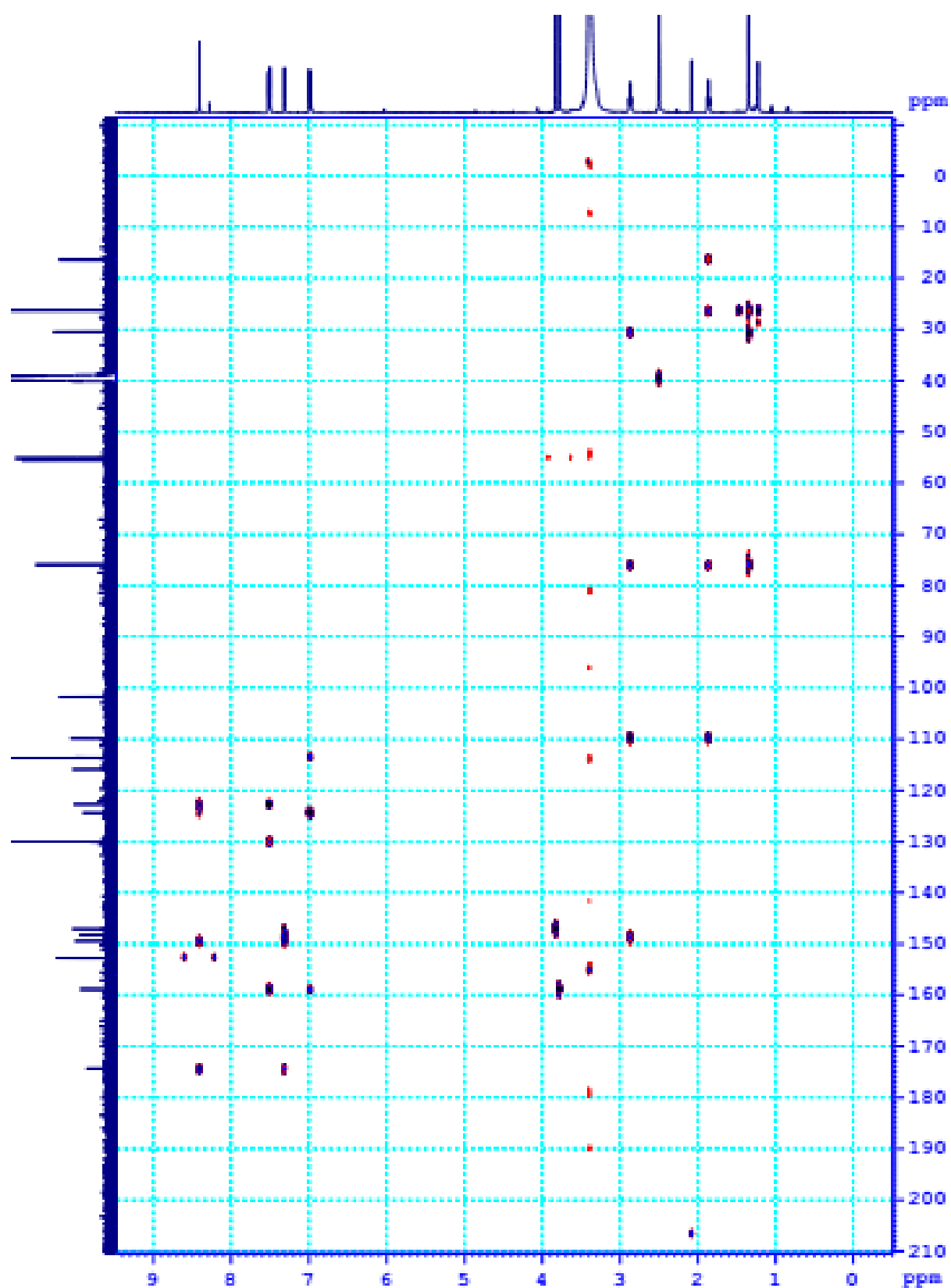


Figure S5. The HMBC spectrum of **1** in $\text{DMSO-}d_6$

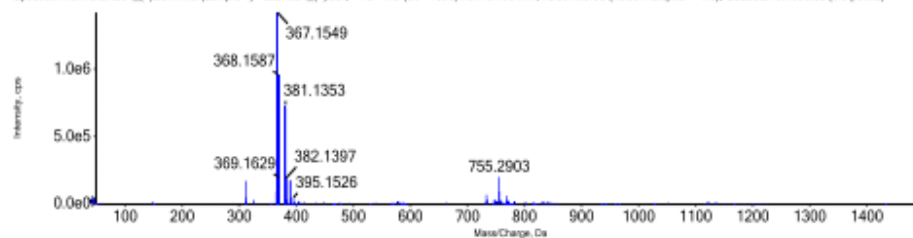
ANALYSIS REPORT

Injection details

Sample name	LIEN204	Vial position	17
Sample file name	SER_wiff2 - LIEN	Inject volume	5.00
Acquisition date	01/09/2020 10:31:36 AM	Acquisition method	ESI_POS_SCAN
Operator	CB21261708	Instrument name	X500 _g QTOF

Full mass spectrum

Spectrum from LIEN204_1 (+)ESI.wiff2 (sample 1) - LIEN204_1 (+)ESI, +TOF MS (50 - 1500) from 0.153 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)



Expanded spectrum

Spectrum from LIEN204_1 (+)ESI.wiff2 (sample 1) - LIEN204_1 (+)ESI, +TOF MS (50 - 1500) from 0.153 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)

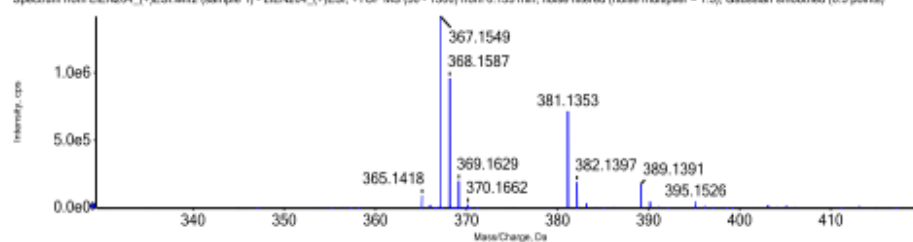


Figure S6. The HRESIMS spectrum of **1**

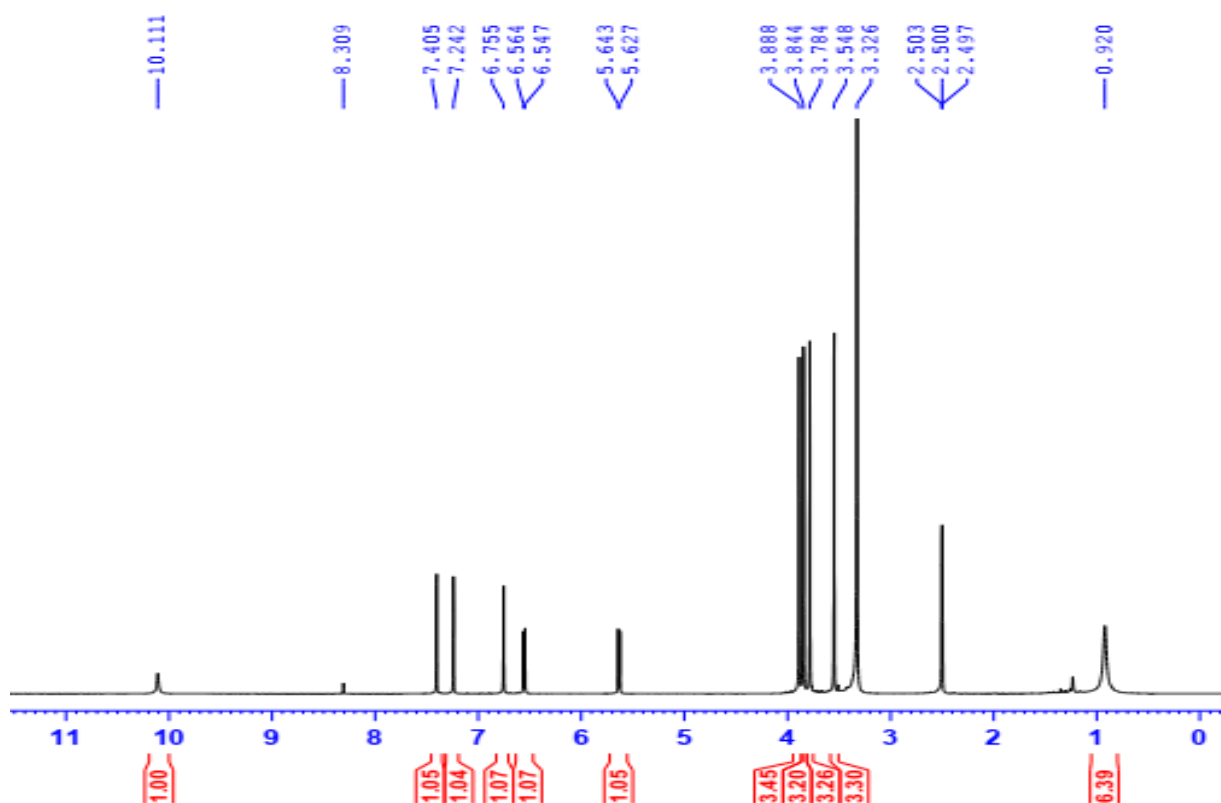


Figure S7. The ¹H NMR spectrum of **2** in DMSO-*d*₆

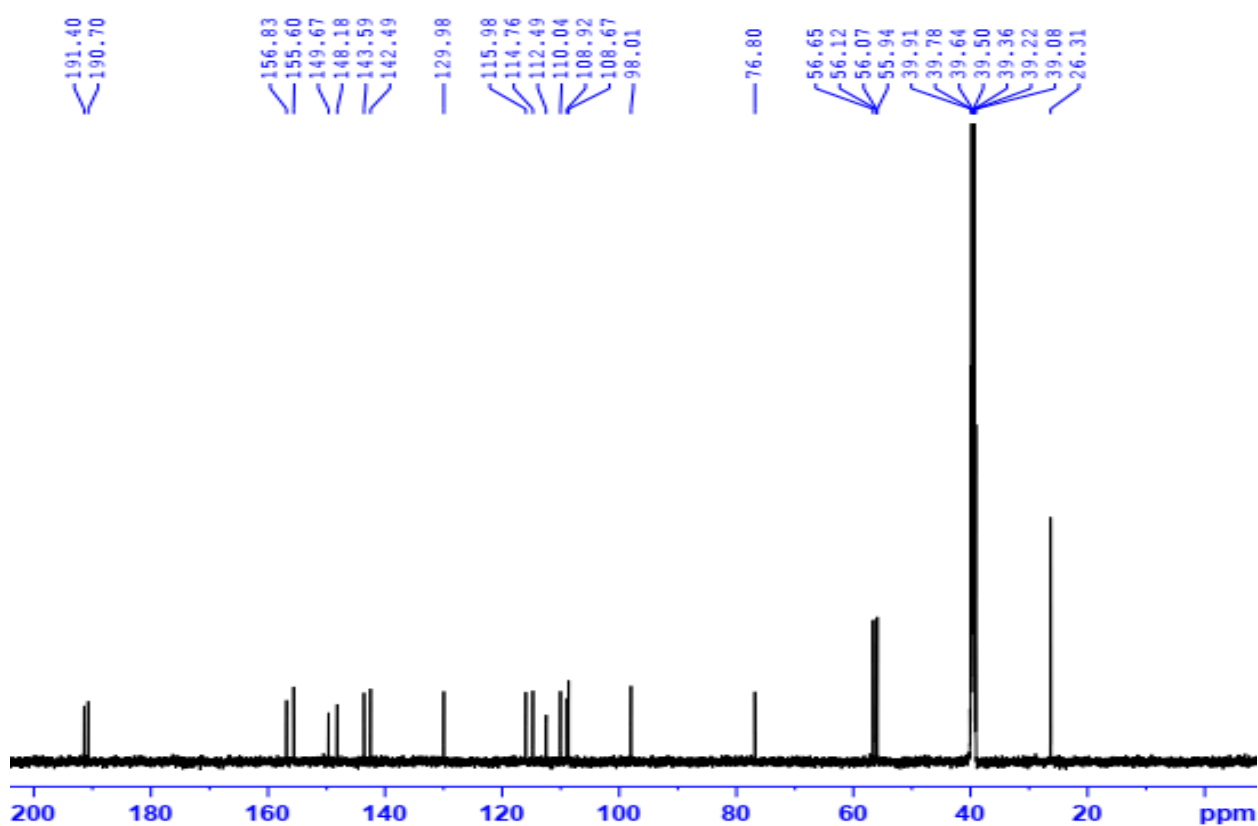


Figure S8. The ¹³C NMR spectrum of **2** in DMSO-*d*₆

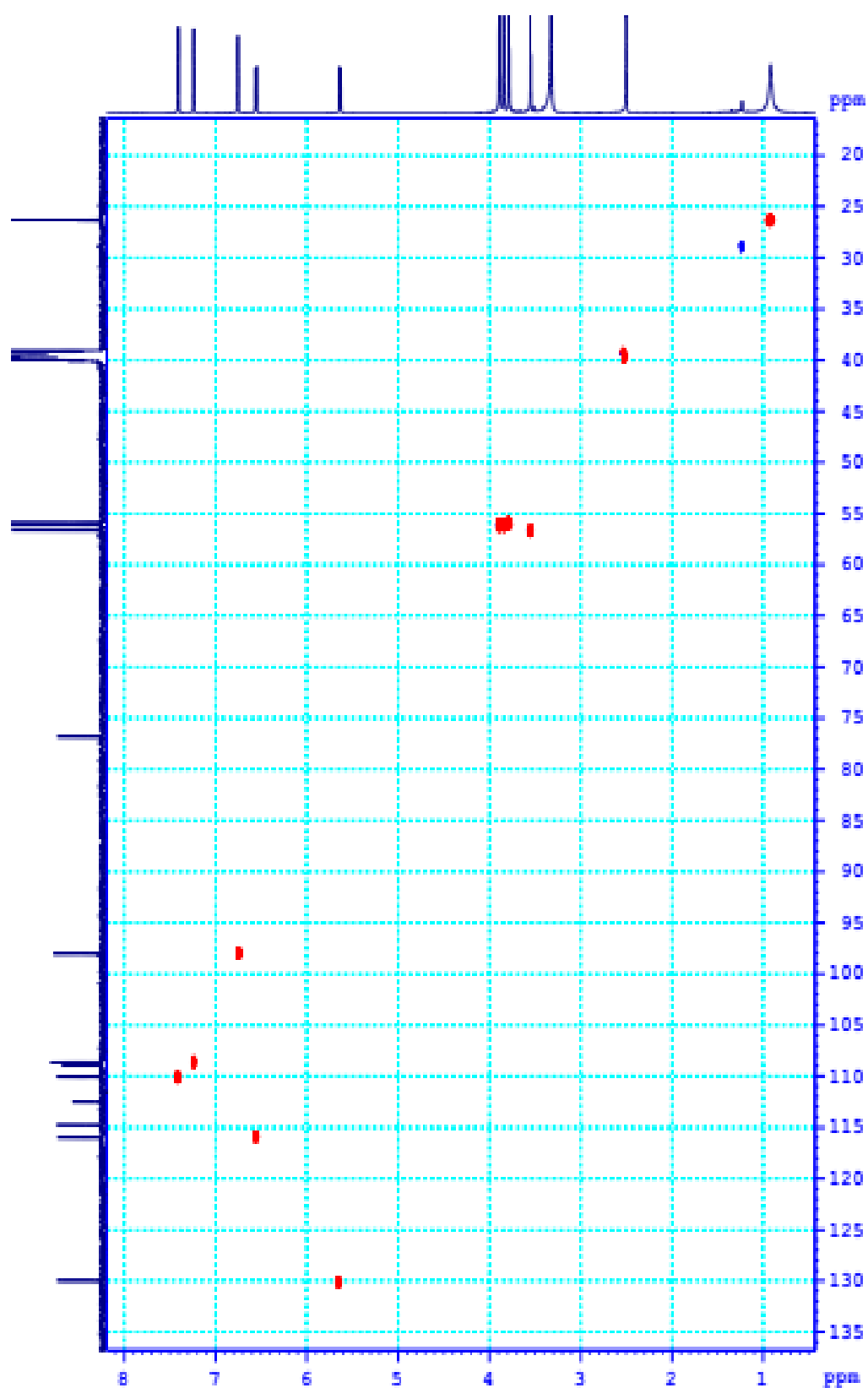


Figure S9. The HSQC spectrum of **2** in DMSO-*d*₆

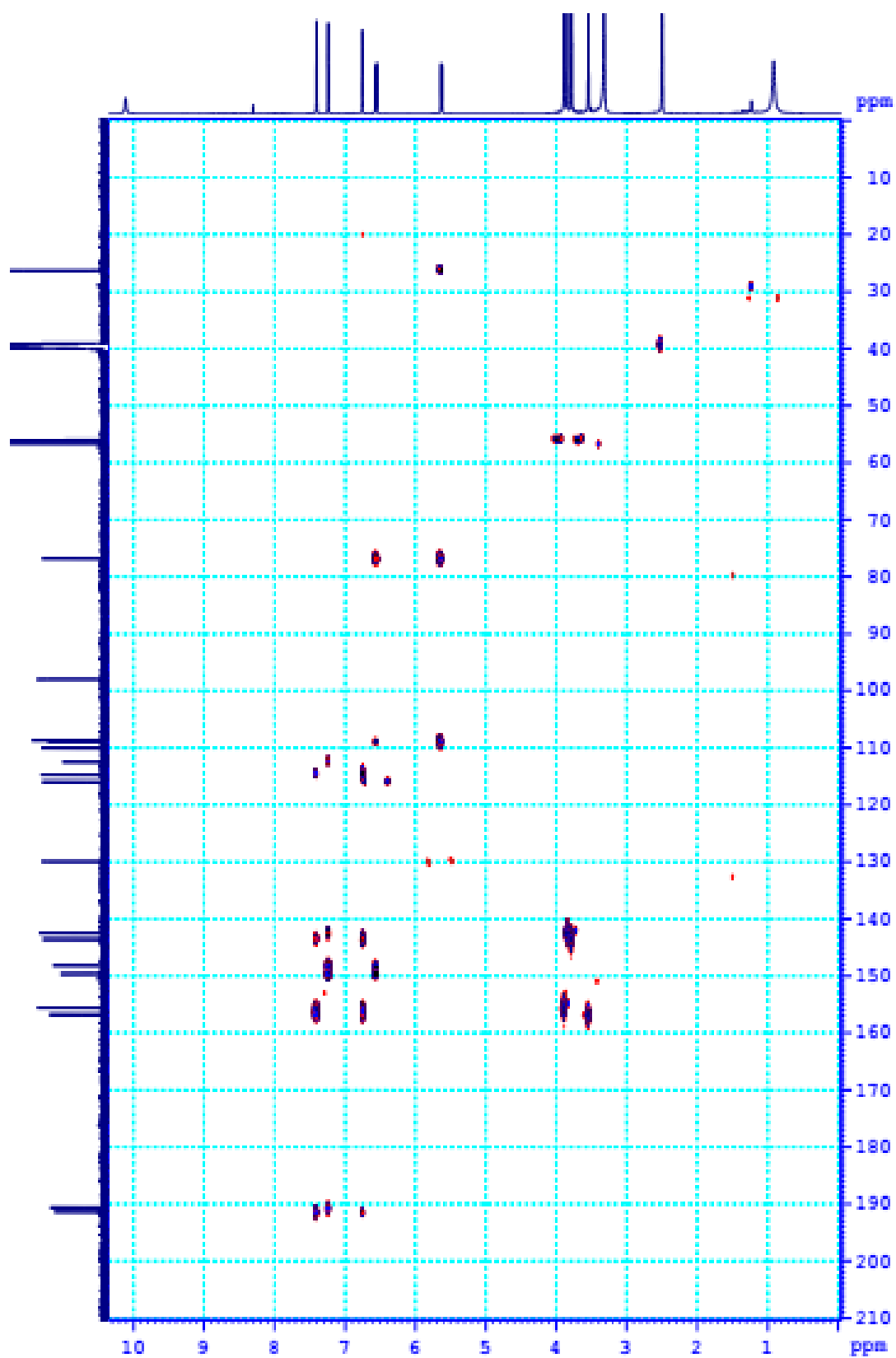


Figure S10. The HMBC spectrum of **2** in DMSO-*d*₆

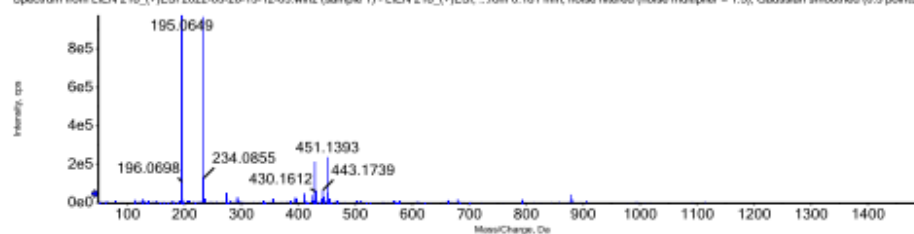
ANALYSIS REPORT

Injection details

Sample name	LIEN 218	Vial position	12
Sample file name	SER_wiff2-LIEN	Inject volume	5.00
Acquisition date	26/05/2022 03:12:03 PM	Acquisition method	ESI_POS_SCAN
Operator	CB21261708	Instrument name	X500 _h QTOF

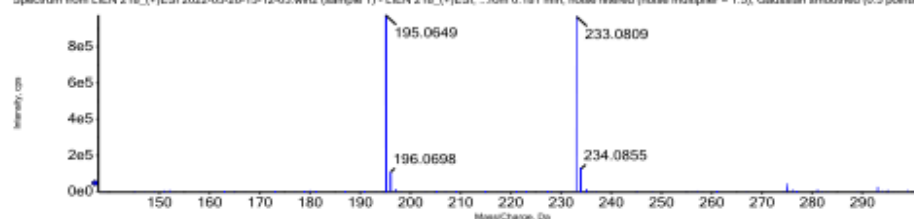
Full mass spectrum

Spectrum from LIEN 218_1 (+)ESI 2022-05-26-15-12-03.wiff2 (sample 1) - LIEN 218_1 (+)ESI ...rom 0.181 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)



Expanded spectrum

Spectrum from LIEN 218_1 (+)ESI 2022-05-26-15-12-03.wiff2 (sample 1) - LIEN 218_1 (+)ESI ...rom 0.181 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)



Spectrum from LIEN 218_1 (+)ESI 2022-05-26-15-12-03.wiff2 (sample 1) - LIEN 218_1 (+)ESI ...rom 0.181 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)

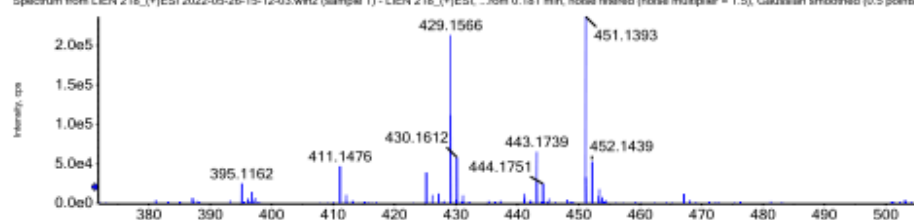


Figure S11. The HRESIMS spectrum of **2**

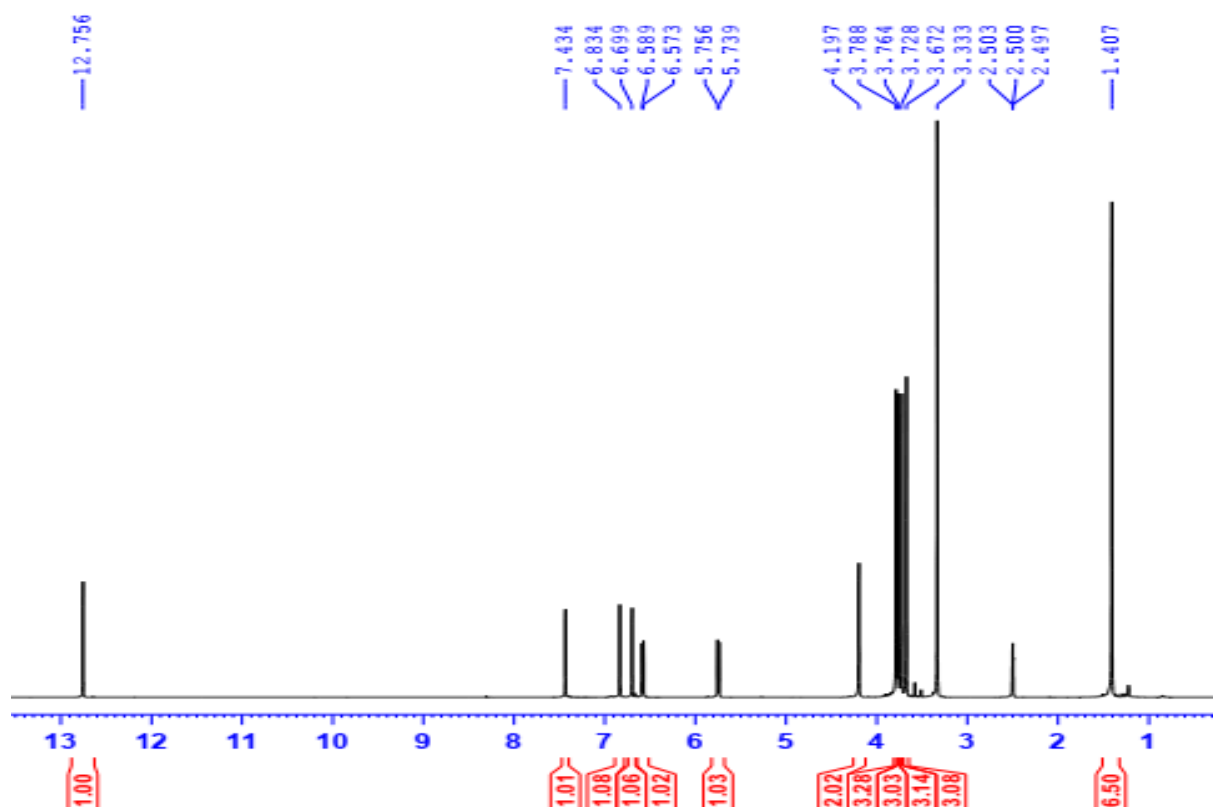


Figure S12. The ¹H NMR spectrum of **3** in DMSO-*d*₆

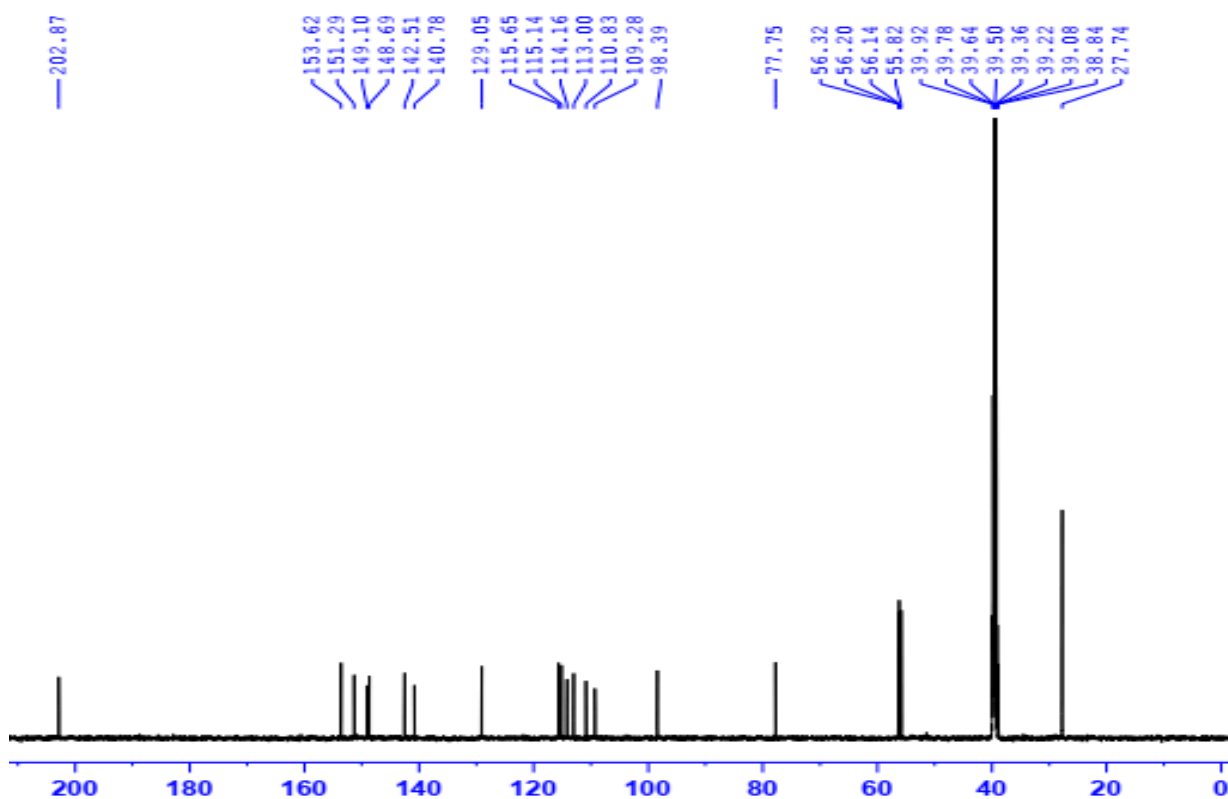


Figure S13. The ¹³C NMR spectrum of **3** in DMSO-*d*₆

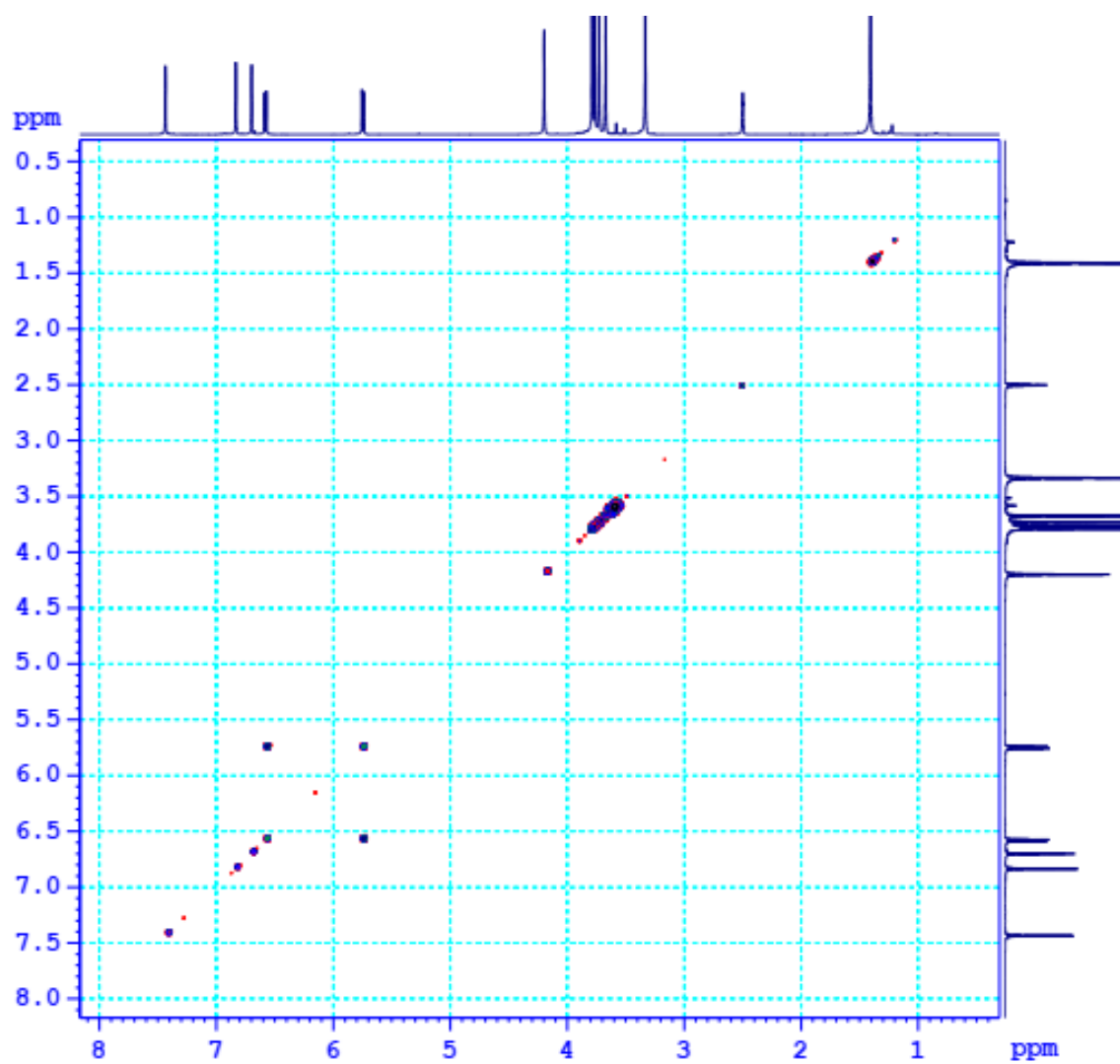


Figure S14. The COSY spectrum of **3** in DMSO-*d*₆

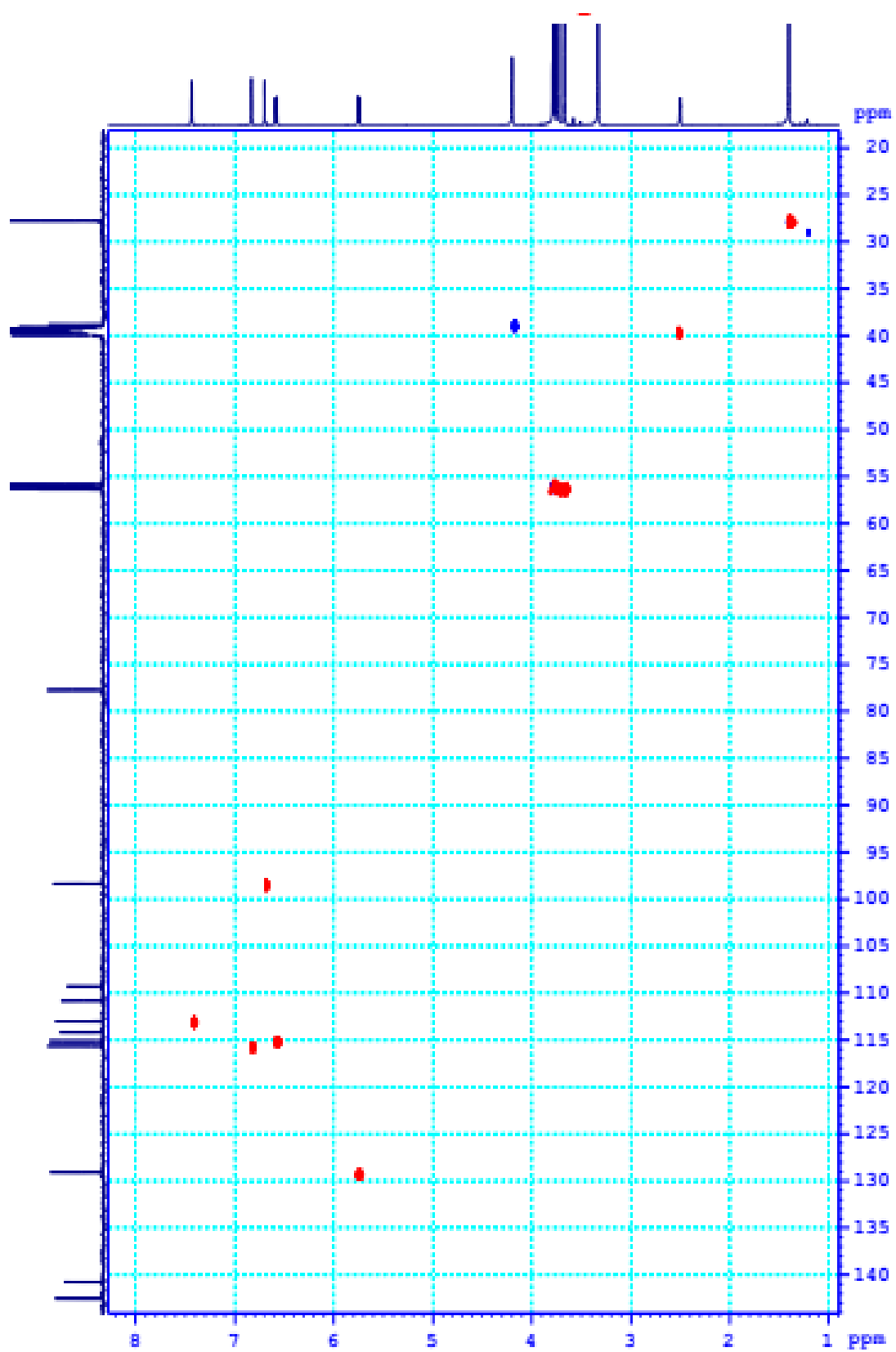


Figure S15. The HSQC spectrum of **3** in DMSO-*d*₆

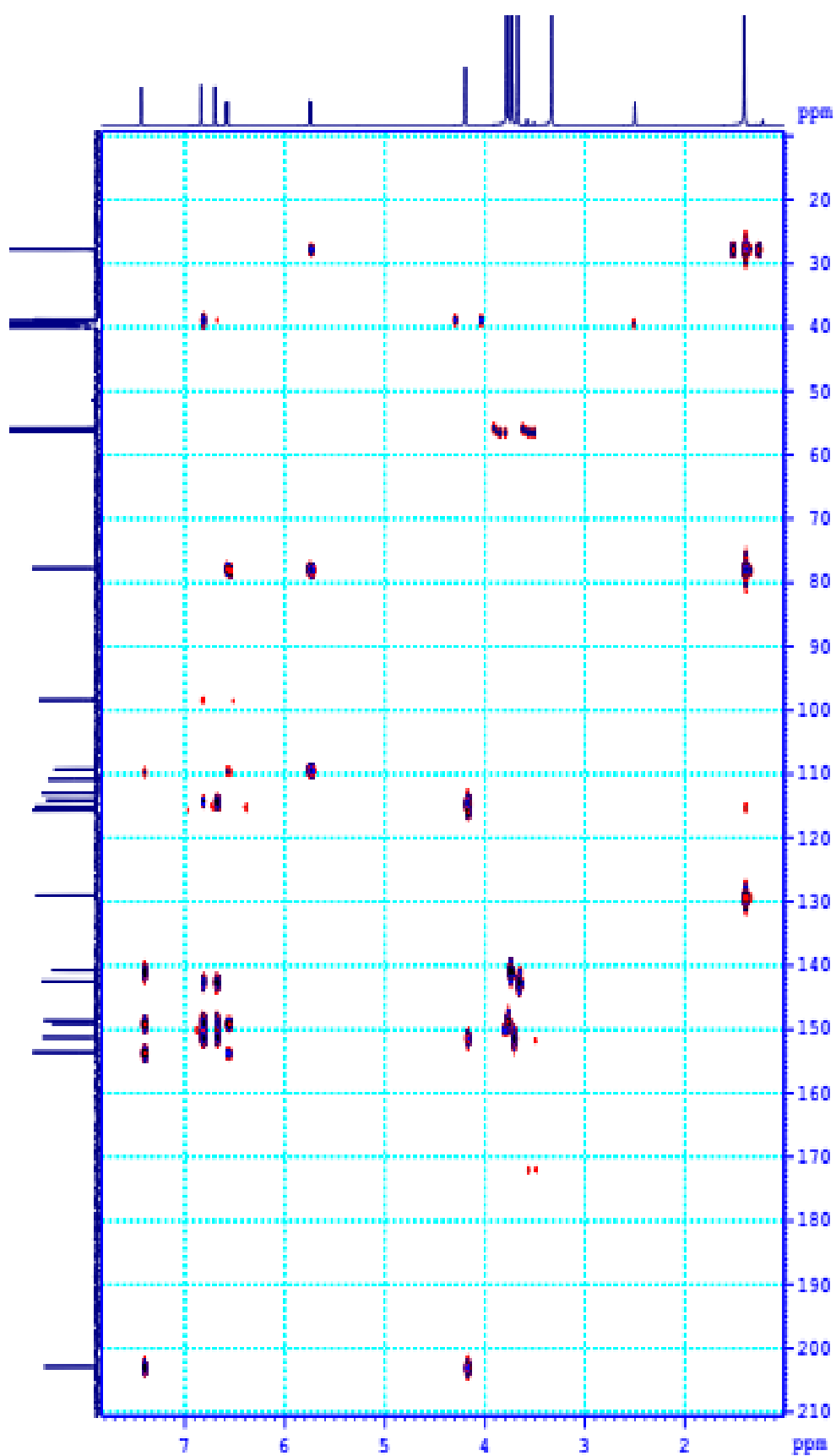


Figure S16. The HMBC spectrum of **3** in $\text{DMSO-}d_6$

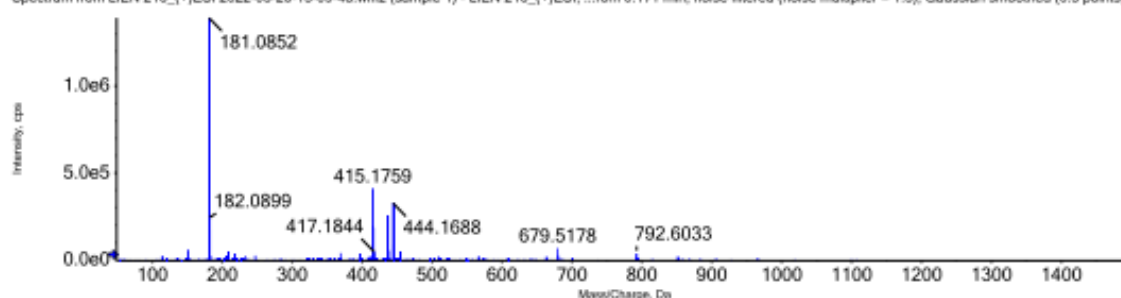
ANALYSIS REPORT

Injection details

Sample name	LIEN 216	Vial position	11
Sample file name	SER. wiff2-LIEN	Inject volume	5.00
Acquisition date	26/05/2022 03:09:48 PM	Acquisition method	ESI_POS_SCAN
Operator	CB21261708	Instrument name	X500R QTOF

Full mass spectrum

Spectrum from LIEN 216_(+)ESI 2022-05-26-15-09-48.wiff2 (sample 1) - LIEN 216_(+)ESI, ...rom 0.171 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)



Expanded spectrum

Spectrum from LIEN 216_(+)ESI 2022-05-26-15-09-48.wiff2 (sample 1) - LIEN 216_(+)ESI, ...rom 0.171 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)

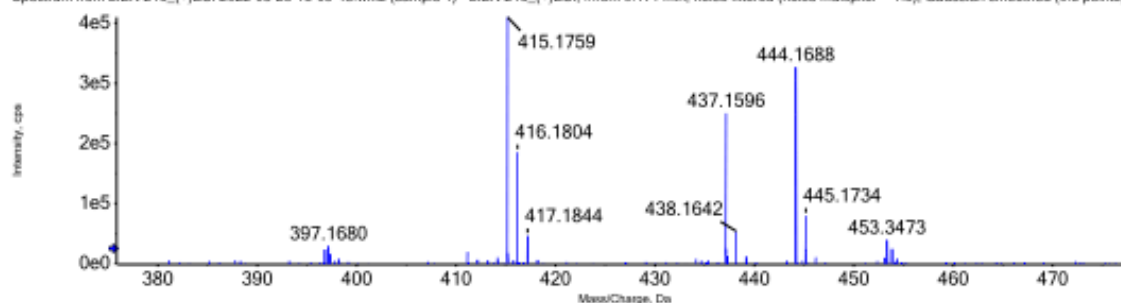


Figure S17. The HRESIMS spectrum of **3**

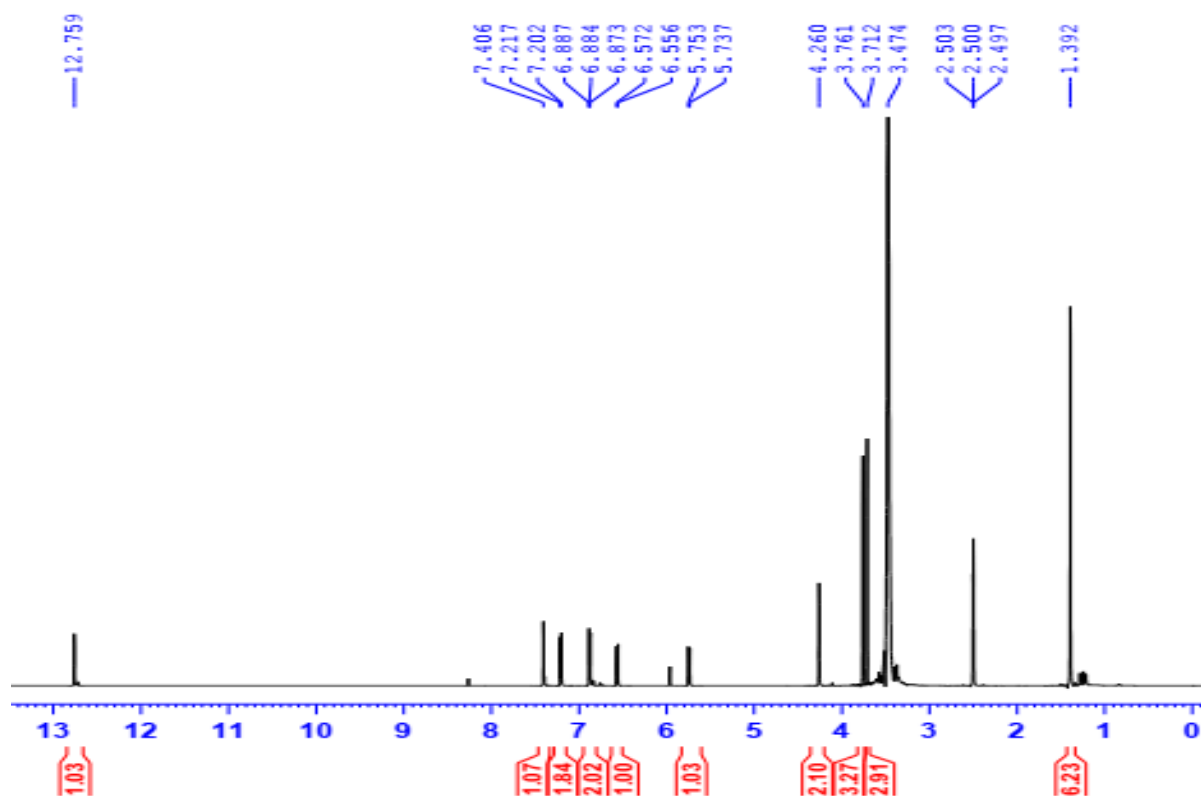


Figure S18. The ¹H NMR spectrum of **4** in DMSO-*d*₆

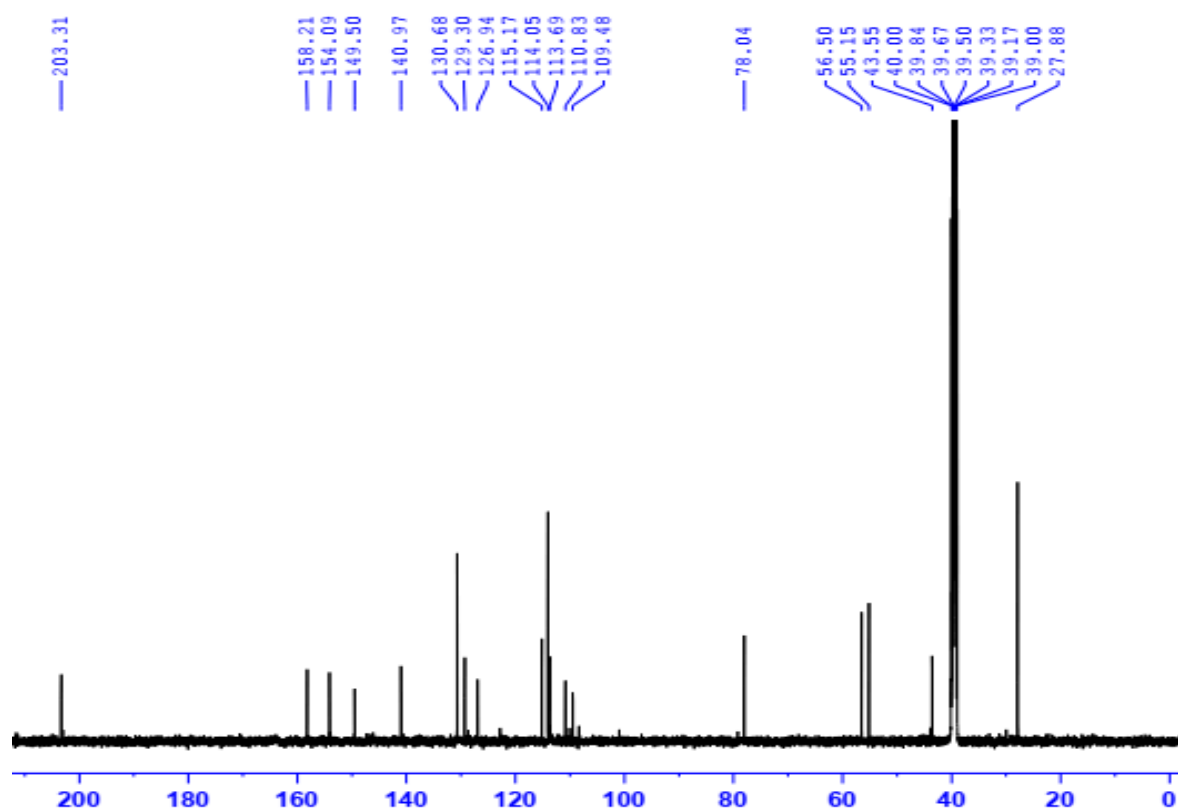


Figure S19. The ¹³C NMR spectrum of **4** in DMSO-*d*₆

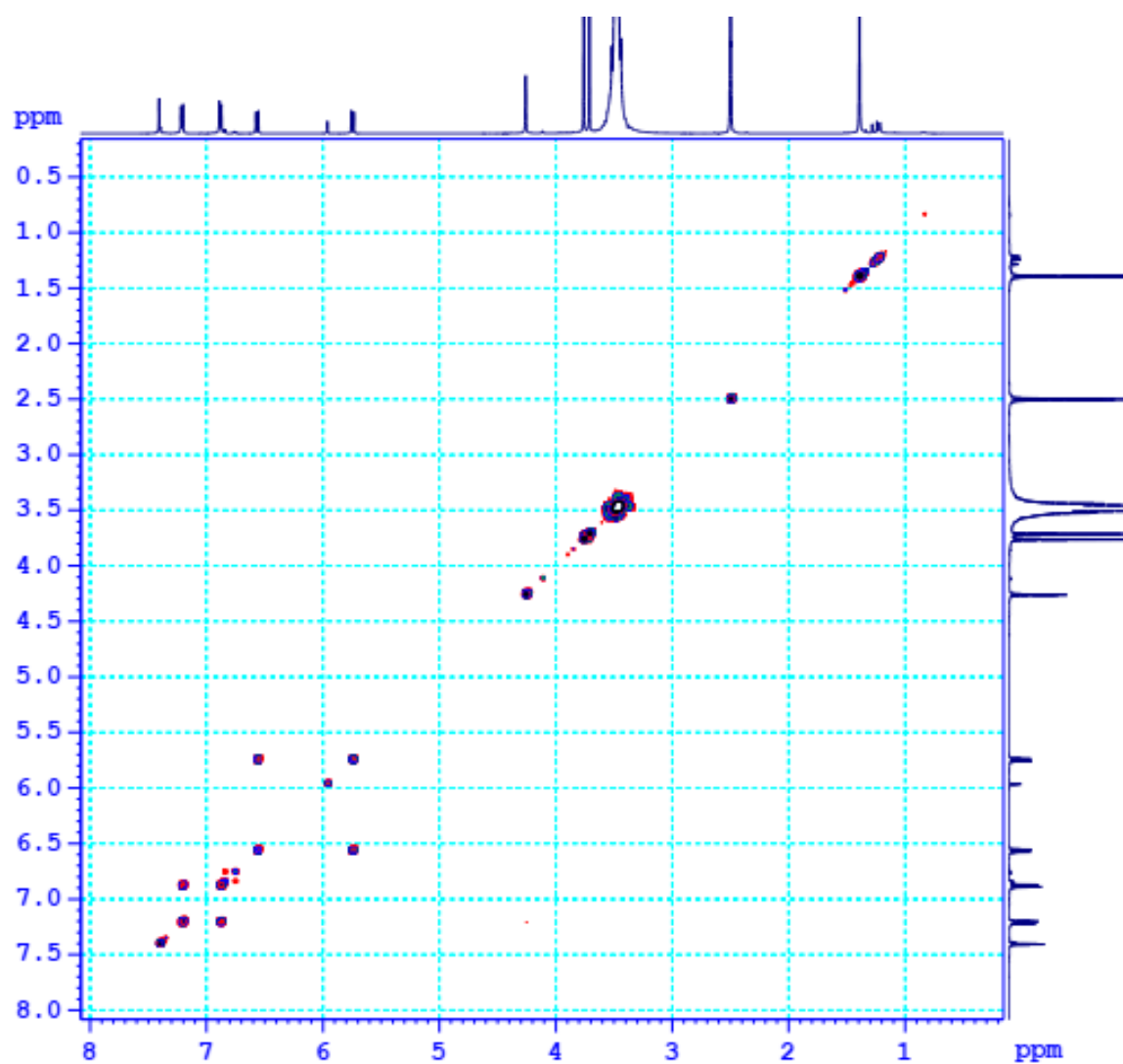


Figure S20. The COSY spectrum of **4** in DMSO-*d*₆

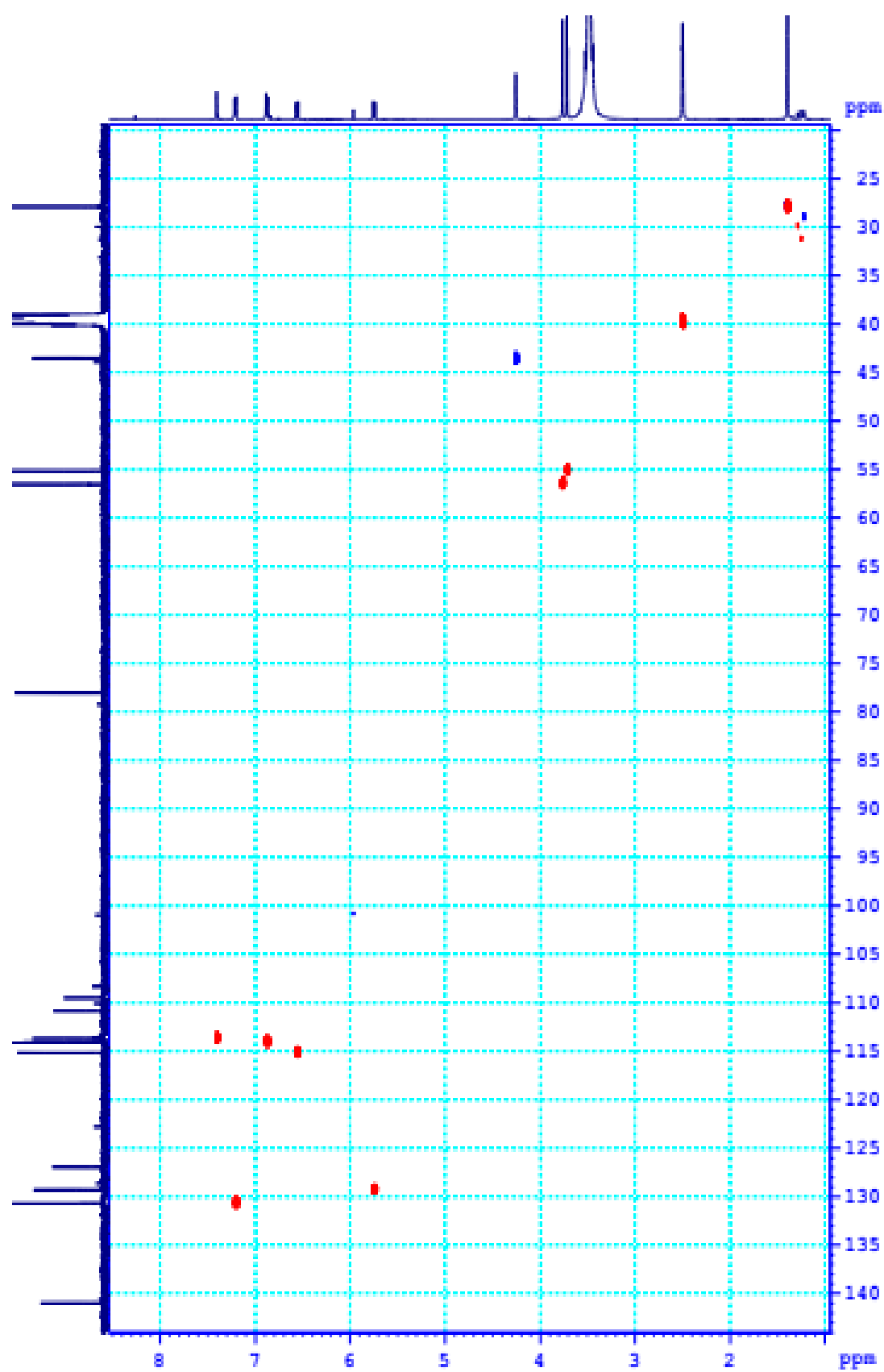


Figure S21. The HSQC spectrum of **4** in $\text{DMSO}-d_6$

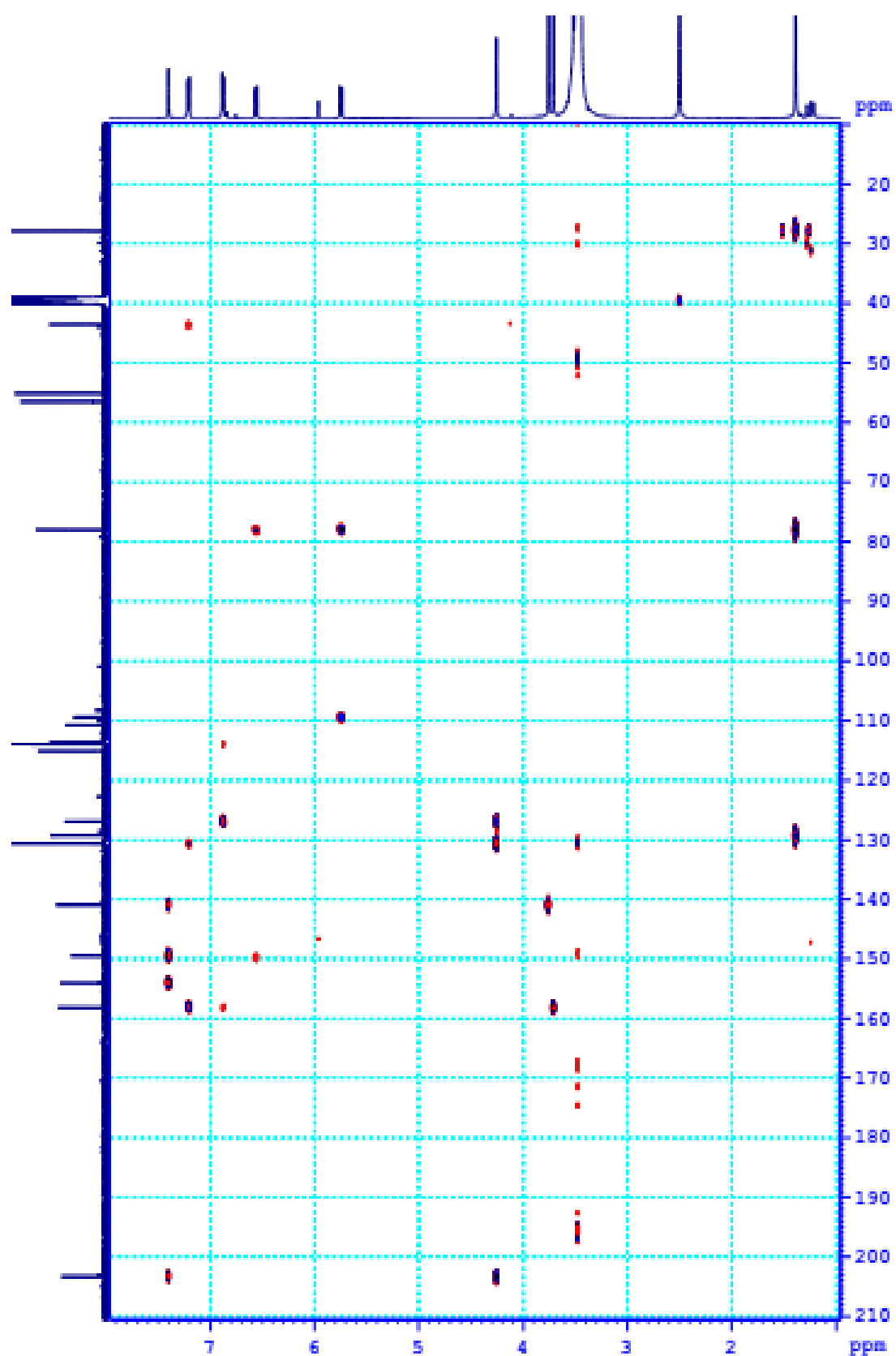


Figure S22. The HMBC spectrum of **4** in $\text{DMSO}-d_6$

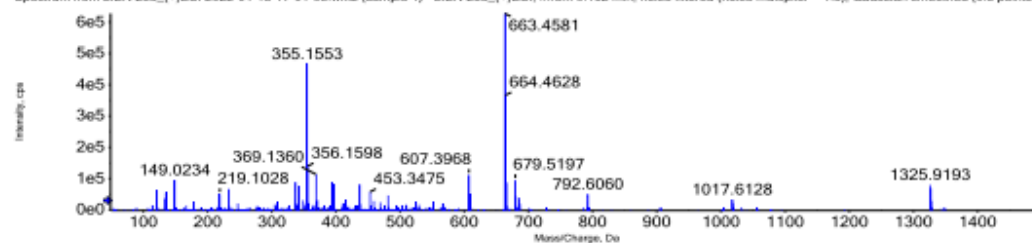
ANALYSIS REPORT

Injection details

Sample name	LIEN_238	Vial position	23
Sample file name	SER. wiff2-LIEN	Inject volume	5.00
Acquisition date	18/01/2022 05:01:05 PM	Acquisition method	ESI_NEG_SCAN
Operator	CB21261708	Instrument name	X500 _R QTOF

Full mass spectrum

Spectrum from LIEN_238_(+)ESI 2022-01-18-17-01-05.wiff2 (sample 1) - LIEN_238_(+)ESI, ...rom 0.162 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)



Expanded spectrum

Spectrum from LIEN_238_(+)ESI 2022-01-18-17-01-05.wiff2 (sample 1) - LIEN_238_(+)ESI, ...rom 0.162 min, noise filtered (noise multiplier = 1.5), Gaussian smoothed (0.5 points)

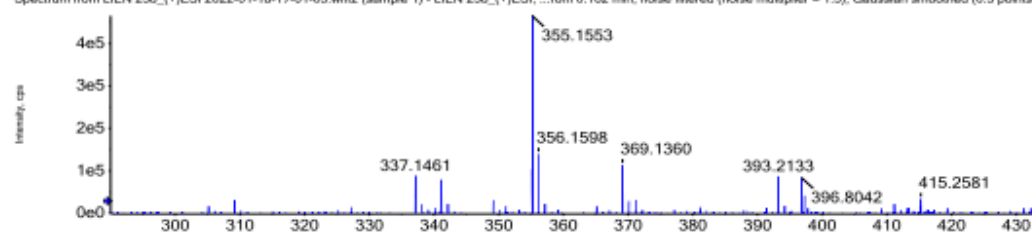


Figure S23. The HRESIMS spectrum of 4